

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/019539

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>7</sup> G06F13/00, H04Q9/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> G06F13/00, H04Q9/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho 1971-2005 Jitsuyo Shinan Toroku Koho 1996-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2003-102078 A (Matsushita Electric Industrial Co., Ltd.), 04 April, 2003 (04.04.03), Par. Nos. [0039] to [0044]; Fig. 8 (Family: none)	8 1-7, 9-23
Y A	JP 2003-76632 A (Hewlett-Packard Co.), 14 March, 2003 (14.03.03), Par. Nos. [0031] to [0032]; Fig. 6 & US 2002/0188867 A1 Par. Nos. [0038] to [0039]; Fig. 6	1-7, 9-23 8

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search  
29 March, 2005 (29.03.05)

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12 April, 2005 (12.04.05)

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	JP 2003-345687 A (Samsung Electronics Co., Ltd.), 05 December, 2003 (05.12.03), Par. Nos. [0027] to [0029]; Fig. 2 & US 2003/0169728 A1 Par. Nos. [0035] to [0037]; Fig. 2 & EP 1345355 A2	15-23 1-14
A	JP 2002-57683 A (Sony Corp.), 22 February, 2002 (22.02.02), Par. Nos. [0065] to [0068]; Fig. 24 & US 2002/0004711 A1 Par. Nos. [0096] to [0098]; Fig. 24	1-23
A	JP 2002-232977 A (Hitachi, Ltd.), 16 August, 2002 (16.08.02), Par. No. [0029] & US 2002/0107583 A1 Par. No. [0086] & EP 1235385 A3	1-23